



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

P/w FEB 21 2018

D350-689-017
Job Sheet 172509



Part No: D350-689-017

Job Qty: 4 ea

Part Name: Shoulder Harness 4 Point Inertia Reel



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 2/20/18

Job Tracking No:

Due Date: 3/16/18

Created By: Michelle Gagnon-Donovan

Type: SOLD

Description:

Note: DWG REV C SHEET 37 IPP Rev:A new issue DD 10.04.23 verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Lead Time	Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time		
90	Start up Operation	4 Ea	3/16/18	3/16/18	0.00	0.00	Start Up Stores/Pkg-1	5/2		FEB 22 2018
110	Packaging	4 pcs	3/16/18	3/16/18	0.00	0.00	Packaging1-3	5/2		FEB 22 2018
120	QC	4 pcs	3/16/18	3/16/18	0.00	0.00	QC4			M.H.
125	DC Chgool	4 pcs	3/16/18	3/16/18	0.00	0.00	DC			M.H.
130	Packaging	4 pcs	3/16/18	3/16/18	0.00	0.00	Packaging3-1			M.H.
140	QC21-FG	4 Ea	3/16/18	3/16/18	0.00	0.00	QC21			F9029 DAS 21 3-20 FEB 26 2018

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN5-4A	Bolt	8 Ea (2 ea)	90-Start up Operation	
D4071-041	Shoulder Harness Assembly	8 Ea (2 ea)	90-Start up Operation	
MS21042L5	Nut	8 Ea (2 ea)	90-Start up Operation	
NAS1149D0516J	Washer	16 Ea (4 ea)	90-Start up Operation	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
90-Start up Operation	AN5-4A	8	28	0
	D4071-041	8	8	0
	MS21042L5	8	961	0
	NAS1149D0516J	16	278	0

001099

Part Specifications



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irion.sonia

Container No: S044484



Part: D350-689-017

Job No: 172509

Serial No/Batch: S044484

Revision: IIN-D350-689

Inspector:

Date: 02/22/18



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Master Unit 001099

Containers on Master Unit 001099				
Serial No	Part No	Customer Part No	Status	Quantity
S044481	AN5-4A		Allocated	8
S035860	D4071-041		Allocated	8
S044480	MS21042L5	MS21042L5	Allocated	8
S044479	NAS1149D0516J		Allocated	16

PAGE 1 OF 1

Part Number: D350-689-017

Description: SHOULDER HARNESS INSTALLATION (4 POINT INERTIA REEL)[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

6.0 PARTS LIST (OPTIONAL KITS)

Qty -015	Qty -017	Qty -031	Part Number	Description
X			D350-689-015	SEAT MODIFICATION KIT
	X		D350-689-017	SHOULDER HARNESS KIT
		X	D350-689-031	ARMREST KIT
		1	D2199-31	STRUT
2			D3029-1	SPRING
2			D3030-1	LOCK
1			D3033-1	SEAT TRACK
4			D3059-1	STUD
4			D3060-1	BUSHING
4			D3061-1	RADIUS BLOCK
	2		D4071-041	SHOULDER HARNESS ASSY
		1	D4671-1	ARMREST CUSHION
		1	D5159-041	SEAT BACK BRACE ASSY
		1	D5159-043	SEAT BACK BRACE ASSY
		1	D5159-045	SEAT RIB ASSY
		1	D5189-041	TUBE ASSY
		1	D5189-043	ARMEST ASSY
			AN3-12A	BOLT
		1	AN4-4A	BOLT
		1	AN4-6A	BOLT
		1	AN4-10A	BOLT
		2	AN4-14A	BOLT
		1	AN4-17A	BOLT
	2		AN5-4A	BOLT
		1	AN970-4	WASHER
		4	MS20600AD4W4	BLIND RIVET
		8	MS20600AD4W5	BLIND RIVET
		10	MS21042L3	NUT (OR MS21042-3)
		8	MS21042L4	NUT (OR MS21042-4)
4	2		MS21042L5	NUT (OR MS21042-5)
4			MS21059L3	NUTPLATE
1			MS24693-S273	SCREW
3			MS27039-1-10	SCREW
		1	MS27039-1-17	SCREW
		3	MS27039-1-18	SCREW
		4	MS27039-1-19	SCREW
		2	MS27039-1-20	SCREW
		4	MS27039-4-20	SCREW
		2	MS27039-4-22	SCREW
		4	MS27039-4-21	SCREW
		20	NAS1149D0332J	WASHER (OR AN960JD10L)
		17	NAS1149D0432J	WASHER (OR AN960JD416)
	4		NAS1149D0516J	WASHER (OR AN960JD516L)
4			NAS1149D0563J	WASHER (OR AN960JD516)
		2	NAS43DD4-16FC	SPACER